



Affordable video wall decoders

that work seamlessly with Wisenet WAVE VMS

Key Benefits

- Cost effective video wall solution
- Simple installation wizard with Wisenet WAVE VMS plugin optimizes the user experience
- Flexible solution for every user need
- Form factors that reduce the physical footprint saving rack mount space to a single appliance

Features

- Low powered high-density processing reduces power consumption and heat dissipation
- Integrated custom surveillance solution
- Designed and soak tested for 24/7 operation
- Long-life industrial grade Intel and NVIDIA components
- Compact aluminium enclosure for thermal optimisation
- Integration with Wisenet WAVE VMS
- Single Windows desktop canvas across all output monitors
- Extended Display Identification Data (EDID) / Hot plug Emulation allows your windows desktop to remain whilst you turn your monitors on/off
- Active output re-drivers for long cable length
- Common DisplayPort or HDMI outputs
- RFC2326 Real Time Streaming Protocol (RTSP) capable
- Accelerated fisheye camera dewarping
- Powerful combined CPU processing with GPU acceleration

TECHNICAL SPECIFICATION	NANO4K	SIX4K	EIGHT1080
Max. Displays	x2 1080p x1 4K	x6 1080p x6 4K	x8 1080p
GPU CODECS	H264 - H265 - MPEG2 - MJPEG - VC8		
CPU CODECS	http://www.ffmpeg.org/general.html#Video-Codecs		
Max. RTSP H.264 30 FPS	8 x UHD 25 x THD 40 x HD 60 x D1	7 x UHD 54 x THD 72 x HD 72 x D1	7 x UHD 26 x THD 36 x HD 48 x D1
OPERATION			
Disk	mSATA SSD	2.5" SSD	
Platform	Windows 10 PRO 64 Bit		
CONNECTIVITY			
Network	1 x 1Gb NIC	2 x 1Gb NIC	
USB	2 x USB 2.0 4 x USB 3.0	2 x USB 2.0 2 x USB 3.0	
Display	HDMI 2.0 VGA	DisplayPort 1.2 Active DP -> HDMI	
PHYSICAL			
Form Factor	VESA Mount Wall Mount	2U Rack Mount	
Size (DxWxH)mm	129 x 129 x 40	220 x 482 x 88	
Max. Weight	1.3Kg	3Kg	
Operating Temperature	0°C to 40°C 32°F to 104°F		
Operating Relative Humidity (non-condensing)	0% to 95%		
POWER			
Input	12V 5A DC	100-240v AC 50/60Hz	
Consumption	25W Typical / 60W Max	180W Typical / 250W Max	
WARRANTY			
Standard	3-Years		
Extended	5-Years (available as optional upgrade)		

Ordering Information

MODEL	PART NUMBER	DESCRIPTION
Nano4K	BB-VW-1UHD	VESA Video Wall Decoder mini appliance capable of up to 1x Ultra HD output, Includes VESA Adapter and PSU, 3 Year Warranty
Six4K	BB-VW-6UHD	2U Video Wall Decoder appliance capable of up to 6x Ultra HD DisplayPort outputs, Includes DisplayPort to HDMI Active Adapter, 3 Year Warranty
Eight 1080	BB-VW-8FHD	2U Video Wall Decoder appliance capable of up to 8x Ultra HD DisplayPort outputs, Includes DisplayPort to HDMI Active Adapter, 3 Year Warranty